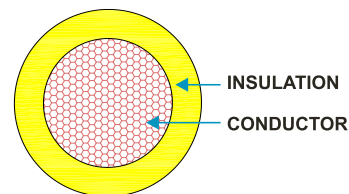
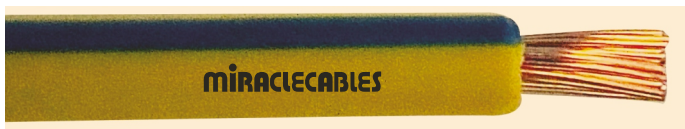




Automotive Cables

AVSS - Low Voltage Cables



Application

Automotive PVC insulated single-core cable is used for low voltage circuits in automobiles, vehicles and motorcycles. These are Super Thin wall auto cables for ideal use in automotive by harness manufacturers

Properties

- Self-extinguishing and flame retardant
- Ozone resistance
- Good abrasive resistance
- Good fuel /oil resistance
- RoHS compliance
- Highly resistant against acids, lyes, petrol and diesel

Construction

- Conductor : Soft-annealed electrolytic Copper E-Cu ETP1 according to JIS C 3102
- Insulation : Plasticized PVC lead free

Technical Parameter

- Temperature range : - 40°C to +80°C (3000 Hours)
- Intermittent temperature : 120°C (120h)
- Standard compliance : JIS C 3406 / JASO D 611-94
- Test voltage : 1kV



Dimension

Part code	Nominal Cross Section	No. and Dia. of Wires	Diameter max.	Electrical Resistance at 20°C max.	Insulation Thickness Wall Nom.	Overall Diameter min.	Overall Diameter max.	Approx Weight
	mm ²	No./mm	mm	mΩ/m	mm	mm	mm	kg/km
1405B010003	1 x 0.30	7/0.26	0.8	50.2	0.3	1.4	1.5	5
1405B010005	1 x 0.50	7/0.32	1	32.7	0.3	1.6	1.7	7
1405B010008	1 x 0.85	19/0.24	1.2	21.7	0.3	1.8	1.9	10
1405B010012	1 x 1.25	19/0.29	1.5	14.9	0.3	2.1	2.2	14
1405B010003	1 x 0.3f	19/0.16	0.8	48.8	0.3	1.4	1.5	5
1405B010005	1 x 0.5f	19/0.19	1	34.6	0.3	1.6	1.7	7
1405B010007	1 x 0.75f	19/0.23	1.2	23.6	0.3	1.8	1.9	10
1405B010012	1 x 1.25f	37/0.21	1.5	14.6	0.3	2.1	2.2	14
1405B010020	1 x 2f	37/0.26	1.8	9.5	0.4	2.6	2.7	22

The "f" in the nominal size column indicates a flexible conductor with a finer wire diameter.

Note-1 :

Kindly complete the part numbers for these cables by adding the suffix (in place of 'xx') for the colour required: 01 - Green, 02 - Black, 03 - Red, 04 - Blue, 05 - Yellow, 06 - Green/Yellow, 07 - White, 08 - Violet, 09 - Brown, 10 - Orange, 11 - Pink, 12 - grey.

